Case 1:17-cv-01655-LPS-CJB Document 23 Filed 07/06/18 Page 1 of 52 PageID #: 197

1 - 000 -2 PROCEEDINGS 3 (REPORTER'S NOTE: The following oral argument 4 hearing was held in open court, beginning at 10:33 p.m.) 5 THE COURT: Good morning. (The attorneys respond, "Good morning, Your 6 7 Honor.") 8 THE COURT: Let me have you put your appearances on the record for us, please. 9 10 MR. GOLDEN: Good morning, Your Honor. Ronald Golden on behalf of Modernizing Medicine from Fish's 11 12 Wilmington, Delaware office. With me is David Conrad and 13 Theresa Dawson from Fish's Dallas office. 14 THE COURT: Welcome. 15 MR. GOLDEN: Thank you. MR. PAZUNIAK: Good morning, Your Honor. George 16 17 Pazuniak for plaintiff, Billingnetwork. 18 THE COURT: Good morning to you as well. 19 So we're here on the defendant's motion relating 20 to 101. We'll hear from defendant's first. 21 MR. CONRAD: Thank you, Your Honor. morning, Your Honor. David Conrad for the defendant. 22 23 First off, Mr. Golden informed me that it's your birthday today so "happy birthday!" I don't know if you 24

wanted that on the public record.

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THE COURT: I will get back at him for that. Thank you.

MR. CONRAD: I'll try to be brief so we can all get out and celebrate.

Your Honor, we moved to dismiss the complaint under Rule 12(b)(6) for failure to state a claim. The asserted patent is not eligible under the Supreme Court Alice standard; and we briefed the Alice standard in our motion and our reply brief. Today, I'd like to speak a little bit more in plain English about what is the issue.

THE COURT: Well, and then also, as you all know, there have been a lot of Alice 101 decisions since the time you finished the briefing. I think you all gave me your views on Aatrix, but that would not be the only decision that has been issued since then. Do you think any of those other cases may affect the analysis here?

MR. CONRAD: Not at all, Your Honor. Aatrix was raised, and the plaintiff raised it as known supplemental authority. We addressed it, and the issue there had to do with, is the 12(b)(6) the right time to do that because allegations in the complaint should be assumed to be true? And the answer is no. If there is any allegations that are relevant here, it relates to novelty rather than the issue of eligibility.

The plaintiff has alleged that there are things

that they do as a whole that were new, but when you look at the individual components that make up what they claim to be an invention, it's just standard conventional generic commercially available technology that was available at the time the patent was filed.

THE COURT: So, for instance, Berkheimer talks about how that second step of Alice can often but not always be disputed fact, making 101 not amenable to resolution on the motion like this. You don't think that impacts the analysis here?

MR. CONRAD: Not at all. If I remember correctly, Berkheimer says that its patent was each element, there may not be a dispute about whether each element was conventional, but the ordered combination might have been unconventional use of the technology.

Here, what this plaintiff has done, what this patentee did was essentially simply take an idea, which is billing, and put it on the Internet, and they did that using conventional elements. So when you break it down the way Berkheimer did, when you look to the conventional elements, there is no dispute here that they're all conventional. It is just standard web browser, standard web server. There is another embodiment about thin client access technology, which is just commercially available Citrix.

When you look at it as an ordered combination,

however, the ordered combination in this case is putting billing records on the Internet. So it's not that there is anything interesting or conventional they were doing when you look at the claim as a whole.

1999 was the surging height of the dot com era, so basically that entire era was taking things and putting it on the internet. That is all this patentee has claimed to do.

THE COURT: You can go on to your plain language or analysis you said you wanted to get to.

MR. CONRAD: Thank you, Your Honor. So I'll just touch a little bit more on that first by looking at what the allegations are in the complaint.

What you see here is that they have alleged that in 1999, the named inventors identified what they called problems with standalone and batch billing systems. That's a little unclear to us what batch billing systems means, but presumably it means simply just doing a lot of billing records at once. This is something that has been done for a long time just by paper in the accounting department of ...

THE COURT: And that's a quote from the patent-in-suit; correct?

MR. CONRAD: I don't believe batch is. And standalone is not something I found in the patent. However, I believe it refers to the concept in the patent about how

they acknowledged in the prior art that billing systems, electronic billing systems were essentially standalone on the customer's computer. The health administrator's computer.

So they said we don't want to do that. We want to build a business that has a website that allows people to access this from a website instead of their own computer. That is what they have alleged in the complaint essentially, which is that to improve on this, they contemplated the use of a "browser-based" system, the worldwide web, the Internet, which was applied to transfer "data and query forms" from a server to a subscriber without the need to transfer any underlying software application, meaning instead of this all being on the health administrator's computer, it's simply a website that they accessed through a conventional web browser.

The data and query form, there is nothing special about that in the patent. In fact, when you look at the specification when it mentions them, it lists that they're not even shown in the figures. It doesn't describe what they are. It says at best that the customers create them, which is no different than what billing has been for the longest time in accounting departments of paper forms submitted to Accounting for them to create invoices to send to customers.

Paragraph 16 of the complaint sums this all up.

It says: At its core, it is a computer-implemented, Internet browser-related system designed to solve technological problems in conventional industry practice as of 1999.

That technological problem is a legal conclusion. It is not a fact that is assumed to be true. All it's saying is that we

want to move this from their computer onto the Internet.

So that is what the patentees invented. And the claim itself is just a recitation of the conventional elements that existed at the time. The patent doesn't claim to invent it. In fact, it goes so far as to state that the whole point of this invention, if you look at column 3, line, about line 17, says: It's an object of this invention to utilize recent advances in software Internet-related technology.

So all they're doing is saying there is technology out there now that says we can put this on the Internet. We're going to put this on the Internet and claim a patent on it.

So now that we know what the invention is, the question that needs to be answered today is, is that invention under the Section 101 jurisprudence as it exists today?

There are several Federal Circuit cases out there that provide the answer "no" to that. One of them is

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BuySAFE v Google that said, quote, "that a computer that receives and sends the information over a network with no further specification is not even arguably inventive."

Ultramercial v Hulu said, quote, "the claims invocation of the Internet also adds no inventive concept as we have held the use of the Internet as not sufficient to save otherwise abstract claims from ineligibility under 101."

All this patent is, at the end of the day, a standard fundamentally economic practice, billing, as applied to the Internet.

THE COURT: So the prior art was, do this fundamental economic practice on it a computer, and all they have done is say move it from the client computer to the That's how you would characterize these claims; Internet. correct?

MR. CONRAD: That's correct. And the patent actually gives a little bit more explanation to explain that it's really not a technological issue.

I'll direct your attention to column 1 of the patent where it starts out, around line 13. It says: The traditional approach to billing for services rendered includes the requirement that the business purchase hardware and software as well as trained personnel to perform the billing function. Meaning it was traditionally done

technologically at their own computer.

But the next paragraph, around line 22, says:

The next major developmental step in accomplishing this

function has been to outsource such billing and accounting
activity.

So their advancement of the art that they're interested in, they said the next advancement was the human function of someone else doing it rather than doing it at your own computer.

So what they're saying is let's take one more step and we'll do it for you on our web server and you can access it on our web server.

THE COURT: You have mentioned BuySAFE and Ultramerial. One part of the 101 analysis, it seems at this point, is figure out which case has the technology that is most analogous to the technology in front of me. If you had to pick one, is it one of those two or is it some other case?

MR. CONRAD: I think that is a hard question to answer, but those two cases as well as *Cybersource* which they have cited are the most similar out of all of the cases that are out there. *Cybersource* v *Retail Decisions*. Those three are the most similar out of the existing jurisprudence that we can locate.

It is similar in concept to Alice which is an economic practice on the Internet. However, that did cite

many things like a database server; right? So it's hard to say it is directly closest to Alice.

THE COURT: So the patentee pointed out that these particular claims, at least some of the terms have been construed by I think at least two other courts. It's unclear to me -- and I'll talk to Mr. Pazuniak about it shortly. It's unclear to me if they're asking me to follow those constructions or what, if any, difference it would make, but what is your view? Do I need to construe these claims in order to resolve this motion?

MR. CONRAD: There is no need to construe the claims. They do reference an order which seems to construe several means-plus-function terms, but there is no need to construe means-plus-function terms if it's apparent from the face of the patent that there is really nothing but generic functional structure like we have here where most of the components are black boxes or admittedly conventional.

If you need to adopt constructions that were in that court, nothing would change here.

THE COURT: The means-plus-function terms I think were construed by one of the other courts? Is that right?

MR. CONRAD: I believe so. I don't have the actual order in front of me. I could pull it up if you want. My recollection is that it simply recited generic

structural components like hardware and software.

THE COURT: Your view is if I adopted whatever those constructions were, you still prevail?

MR. CONRAD: Yes, Your Honor. And the only that they have raised with specificity is the issue of the forms. So I'll briefly address that.

They point to the claim limitation: transferring substantially only billing and data entry forms. And that's vague because it's not really something that is described in the patent.

What the Court construed it as, in one of the prior cases, is something that is close to what the plaintiff alleged, which is: forms without any underlying software applications wherein most but not necessarily all of the forms are billing and data entry forms.

So it's not identical to what the plaintiff had proposed, if I recall correctly, but the thrust is the same where the plaintiff was trying to allege the most -- least technologically advanced construction possible, meaning all that is being transferred back and forth are forms. There is no software going back and forth. And that I think is tied to the concept that traditionally it was done -- it was software that was just run on a computer, and since they said let's just use the standard Internet web technology, web browsers, web browsers at its most basic functional

level simply transmits forms back, adjust information, no software. And I think that they were trying to say let's do this at least as advanced as possible. And I think that if you construe it as favorably as they were seeking, you can't get more conventional than what they're going after.

THE COURT: There is some of the briefing talking about claims other than claim 1 which I understand are not asserted. Does your motion ask me to make a decision with respect to the claims other than claim 1?

MR. CONRAD: Well, I think we briefed the issue sufficient to address all the claims, Your Honor. Their assertion that only claim 1 was alleged in the complaint, I'm a little unclear on that because the complaint actually says: at least claim 1. Claim 1 was later highlighted as representative.

If they're disavowing the assertion of claim 1 formally -- which I don't think that they have done. I think they simply said in their briefing they didn't -- they clearly only alleged claim 1, but that is not actually the case in the complaint.

THE COURT: But if they stand up here and say that if this case proceeds, it will only proceed on claim 1, then I don't need to make a finding on the other claims?

MR. CONRAD: I think that you can, Your Honor.

But I don't -- and I think that we provided sufficient

1 briefing for you to be able to do that. 2 THE COURT: But I don't have to, depending on 3 what Mr. Pazuniak says? 4 MR. CONRAD: I'm not certain exactly what the 5 law is on that. THE COURT: Well, I guess what I'm really 6 7 getting at is what are you requesting that I do subject to whatever we hear from Mr. Pazuniak? 8 MR. CONRAD: Yes. We're requesting that all of 9 10 the claims be invalidated. The reason being that there is 11 no substantial difference between them. They're all 12 alleging essentially the same idea and essentially the same 13 elements in all claims. 14 There are two different embodiments in the patent, and I think the claims alleged those two different 15 embodiments. One is the web browser embodiment, and one is 16 17 the commercial, commercial software Citrix embodiment, the 18 direct access server. Both of those would be, they have 19 exact same analysis as we presented in the briefing. 20 THE COURT: You answered my questions. Is there 21 anything else you want to say? 22 MR. CONRAD: No, Your Honor. 23 THE COURT: Okay. We'll get you back on 24 rebuttal then.

Thank you.

MR. CONRAD:

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1 THE COURT: Good morning again, Mr. Pazuniak. 2 MR. PAZUNIAK: Thank you, Your Honor. I have 3 some slides, if I may hand them up to the Court. 4 THE COURT: You may. 5 (Documents passed forward.) 6 MR. PAZUNIAK: As we pointed out in our brief, 7 the concern under Section 101 is not tangibility, that is, whether there is something physical, but the question of 8 9 whether or not there is a preemption of an area of 10 technology based on abstract results. 11 THE COURT: You have moved quickly past your 12 preemption slide. It's interesting. You start there in 13 your brief, which admittedly was written six-or-so months 14 It says that the most important thing and essentially ago. the starting point, if I understand you correctly, is to 15 16 figure out preemption, but that is not how the cases go. 17 The cases tell me to do Alice Step 1 and Step 2 and only 18 thereafter, if need be, think about preemption. Do you 19 agree that is the proper analysis? 20 MR. PAZUNIAK: I view it a little bit differently. 21 I view that Steps 1 and 2 are an effort to determine whether there is preemption. 22 23 THE COURT: I think that is right, but when I 24 sit down and figure out are these claims patentable, do you say I should first think about preemption or do I think 25

about Alice Step 1?

MR. PAZUNIAK: No, no. Alice Step 1.

THE COURT: And then Alice Step 2?

MR. PAZUNIAK: Then Alice Step 2. But the Alice Steps 1 and 2 as a whole are informed by the overall concept of preemption.

So we go to Step 1, which begins with the claims, it is interesting that the briefing that was undertaken by the defendant, and as Your Honor just heard now, there is no discussion of the claims except very peripherally. Rather, we have heard about generic components about this is what the patent is about. Here is the prior art, and it's all conventional, but nothing that looks upon the claims to determine whether those claims define something that is not an abstract idea.

And this is the problem, because the *Enfish* court recognized you can take almost any technology and abstract it to the point that you can say, aha, here is abstract ideas.

The defendant has characterized the inventions here as nothing more than a billing system using a browser and a web server. Of course, if that was the case, we would have one thing. But that is not what the claims are. And this is what is missing.

THE COURT: If, at the end of the day, I look at

the specification and the claims and say that this patent is about nothing more, and the claims are directed to nothing more than electronic billing on the Internet, you do agree that that would mean you don't survive a 101 motion?

MR. PAZUNIAK: It would be on, I would say, sort of the gray area between something that is abstract and something that is not abstract, because I think electronic billing utilizing a web server and a browser is already structural. It may be obvious, but it is structural. However, I don't think Your Honor will need to get to that because there is a lot of other elements and limitations in the claims that provide even further structure. So I don't think we need to go there.

THE COURT: I'll let you, of course, do this in whatever order you want, but I am curious because I didn't see it clearly in the briefing. What structure is there in these claims that is something other than conventional, routine, well understood computer architecture?

MR. PAZUNIAK: Well, there are two answers.

One, I think in the briefing, we did point out that the means-plus-function elements do provide additional structure which we will discuss with him shortly.

But there is also the broader issue, that at Alice/Mayo Step 1, it doesn't really matter whether we're talking about conventional or routine technology. As Your

Honor has pointed out in other cases, and many cases say this, that under Step 1, you can have totally conventional elements but if they are put together in a particularly ordered combination, that is novel, well, that is patentable, and the conventional elements provide the structure, the tangibility or whatever you want to call it, remove it from the abstract.

The fact that elements are conventional only comes in as a Step 2 issue. But we're right now at Step 1, and at Step 1, we only look to determine whether the ideas are abstract, or is there something that, to use a loose phrase, has some tangibility to it. If it has tangibility, even if it's conventional, it is not an abstract idea. It may be obvious, but then it's invalid under Section 103 or Section 102, but it's not patent ineligible.

THE COURT: There are some cases where the patentee says there is some non-conventional structure here. I can point you to it as a particular limitation in the claims. There are others where the patentee acknowledges there is no such novel non-conventional structure, but the ordered combination is what gets me over the 101. Which case are you?

MR. PAZUNIAK: The first case.

THE COURT: You are the first case.

MR. PAZUNIAK: I will argue the first case.

1 THE COURT: You will argue that. 2 MR. PAZUNIAK: Yes. 3 THE COURT: And it is going to be the means-plus-function limitation; is that right? 4 5 MR. PAZUNIAK: Yes. As we go on, yes, in part, 6 it's the overall structure, but certainly we will focus on 7 the means-plus-function elements. 8 But if we fail on that, then, yes, the ordered combination is the backup argument that we would still argue. 9 10 THE COURT: Okay. 11 MR. PAZUNIAK: So let's take a look at the 12 And on this slide 5, I just put in the entire claim. claims. 13 We begin with something that already has some structure, 14 which is the integrated billing data processing and communication system. It's already beginning to put some 15 16 structure on it. 17 We next have a database server. And this is one of those elements that was 18 19 already previously construed. We have cited that decision. 20 It's DI 16-3. 21 Whether or not those constructions are 22 absolutely correct, whether Your Honor in the future will 23 or will not potentially amend them, I think is a separate The point is that "database server" has already been 24 issue.

recognized as having already some structure to it, and that

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is that it is dedicated to storing and providing access to a shared database, including data and forms

shared database, including data and forms.

So we don't have a generic "database server."

Rather, we have a database server that is already programmed to provide access to a shared database, including data and forms.

THE COURT: So, yes, let me stop you there. A couple things.

First off, with respect to claim construction, what is the plaintiff's position? Do I need to resolve claim construction disputes before resolving this motion?

Do I instead adopt the prior constructions or do you have some alternative even more favorable to the plaintiff's constructions for me to assume?

MR. PAZUNIAK: We believe that any time a Court reviews claims, construction is required. Words in a claim may have their ordinary meaning but that itself is sort of a construction.

But, yes, we do believe that claims should be construed any time they're considered. And we had submitted the decision. We're comfortable with the decision. It's construction as a matter of law. So here is a court that as a matter of law reviewed the claims after extensive briefing and argument and made certain determinations in a very lengthy, well thought thorough decision.

to figure out, if these claims are patentable and can survive the motion. As you know, sometimes we have cases where the parties agree you don't have to resolve any claim construction disputes. Other cases, the parties say you do, and then I need to know what they suggest I say the claims mean.

I'm understanding, but if I've got it wrong tell me, that your position is, yes, I need to construe these claim terms, and, yes, I should, in doing that, for purposes of this motion, just simply adopt the constructions of the two earlier courts. Is that correct?

MR. PAZUNIAK: That's correct, Your Honor.

THE COURT: And it is two, right? The Illinois and the Florida courts?

MR. PAZUNIAK: It is actually we cited the Florida Court because the Illinois court I don't think had as much of a construction. I think the Florida Court is the one that really went deeply into the issues.

THE COURT: So what the plaintiffs would ask me to do is just simply plug in as the meaning for each of the terms addressed in the Florida opinion, the Florida decision --

MR. PAZUNIAK: That's correct.

THE COURT: -- for purposes this motion, and you all, going forward, can argue what you think the right

construction is.

MR. PAZUNIAK: That's fine, Your Honor. Yes.

And the decision is D.I. 16-3.

THE COURT: Thank you.

MR. PAZUNIAK: So then we go to the next element, which --

THE COURT: Oh. But on that first one,
"database," are you arguing that that is novel,
non-conventional structure, inventive in some way?

MR. PAZUNIAK: Well, I am arguing that it is a structured element. Whether or not it is a novel, I don't know. It hasn't really been argued. But I would say that it is not conventional or routine because I'm not aware of that in 1999, which, you know, both sides agree that we have to look at 1999 as the focus point.

Now, defendant says, well, 1999, that's the hot period of the dot com era and a lot of things were being done.

Well, that may or may not be true, but I don't believe that databases that provide access to a shared database, including data and forms, may have been known. I don't know that it was conventional or routine.

THE COURT: Well, let me ask you this. You I think maybe have alluded, it might have been in one of your letters, to there being fact disputes here that you think

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will necessitate denying your motion, but it was unclear to me until I came in here what those fact disputes are. Is one of them, is a database in 1999 as claimed in claim 1 of these conventional and routine, or is that not a fact dispute?

MR. PAZUNIAK: Well, I think the combination certainly of claim 1 has not been conventional and routine, but, yes, database is one.

The problem, Your Honor, is that defendant had the burden of proof, proof by clear and convincing evidence on all the issues, including whether something was routine or conventional.

There is no expert report here. Everything about -- there is no cited prior art. Defendants entire case is built entirely upon counsel's ipsi dixit that, oh, Your Honor, of course this is routine, of course this is conventional. You know, a lot of hand waving. I'm sorry, Your Honor, that is not how you prove facts. This is not how you prove --

THE COURT: If your specification says, for example, the database is the database that we all are aware of, that would be sufficient evidence for the defendant to prevail on that point, wouldn't it?

MR. PAZUNIAK: It would if we said that, but I don't believe we did. And we certainly did not say that a

network device that provides access to a shared database, including data and forms, was routine. And the issue again is not whether it was novel or whether it would pass a Section 102 standard. Conventional and routine is a different standard than whether something is novel. And this is what is entirely missing in the record presented by defendant.

So if I have answered Your Honor's question,
I'll go to the next limitation.

THE COURT: Yes, that's fine.

MR. PAZUNIAK: Which is the requirement that there be a home page on the web server that provides a plurality of subscriber areas.

And, again, that has -- that term "subscriber" has already been construed. And, again, subscriber areas on the home page is -- it is not just any web server with any web home page. Now we have a requirement that there be delineated a certain area that is identifiable as a subscriber area that performs certain function.

So, again, we have a web server that may be conventional but now it's programmed to be more specific to provide the certain structure.

THE COURT: Are you contending that that limitation is routine?

MR. PAZUNIAK: Yes.

1 THE COURT: Is something other than routine and 2 conventional? 3 MR. PAZUNIAK: Yes, absolutely. THE COURT: So there is that minimum of fact 4 5 dispute. 6 MR. PAZUNIAK: Yes, absolutely, on the 7 subscriber areas. 8 And then we get to the first means-plus-function 9 limitation. Again, any time you have means-plus-function, 10 you have to have a structure, because that is, that is the 11 definition of a means-plus-function element. 12 And in this case, the Florida decision provided 13 the structure. And we pointed out in our brief that both 14 of these -- this means claim and the next means claim are important. And in this case, again, the structure was 15 16 defined as a computer system programmed to transfer data. 17 And, well Your Honor can certainly read the rest of the construction. 18 19 But, again, we now again have a programmed 20 piece of equipment that is a structure under the law. And 21 Your Honor will recall from other cases that Your Honor has decided that means-plus-function algorithms are a 22 23 structure. And I don't think that the law would be any different when we're looking at 101. 24

But also of interest is that the part of the

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Court's construction said that this means claim is read with Figures 1 and 2, but -- sorry -- Figures 1 and 3 of the patent.

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And if we look at Figure 1 of the patent, again,

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a home page. And you will see, and I have it in the dotted

we have something that is very clearly tangible. We do have

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line block there, you have the various subscriber areas

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which are defined by logic rules and then associated with

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database server.

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10 system, but I have put the dotted lines around an area that

actually I thought defendant's counsel just said never

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existed in the patent. And, specifically, I'm pointing to

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the boxes that have HTML input forms and HTML query forms.

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Figure 3 which is incorporated into one of the means claims.

never actually describes those forms. But here they are in

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THE COURT: Well, what more does it tell us?

I thought I heard counsel say that the patent

Figure 3 is just another version of the same

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MR. PAZUNIAK: Well, what it tells us is HTML,

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of course, is a technical, you know, particular technology, as I'm sure Your Honor has heard in many cases. Hypertext

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transfer protocol -- whatever it is. I'm getting a little

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But HTML is a defined technology. And here we have old.

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both input query forms and input forms. And these forms are

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a structure, no ifs, ands, or buts, when you have a web

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server and a PC, and they may be on the Internet, but when

you are transferring these forms, you are transferring something tangible in the patent sense, tangible in a sense that these are defined structures.

THE COURT: And you contend that these are something other than conventional and routine at the time?

MR. PAZUNIAK: Well, HTML, by itself, of course, is not novel. That is conventional. But what is completely new, and this in fact was the whole foundation of the patent, is that the electronic billing system that is claimed here is entirely based on the fact that you had HTML query forms going from a PC to these, to the subscriber area in a home page. You have a database server that provides the information. And then you have a return of forms from the database through the subscriber area to the PC. That is all structure and it's all novel. This was in fact the foundation of the patent.

So we then continue to the next means-plus-function element which is to provide real-time electronic viewing and theory access of data and billing stored in the database server.

This is entirely novel. This is definitely not conventional. There was never any in the prior art. Again, this is why I've been saying it is the foundation of the novelty of the patent is you have not only the passing of the form but you have the ability of the user sitting at the

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PC at the terminal being able to send queries, being able to view these data and billing forms that are being sent from the database server. And this, again, the structure is entirely new. And then you have, of course, the PC computer that is connected to the back server. THE COURT: Are you contending there is a factual dispute whether that is conventional and routine? MR. PAZUNIAK:

I would say the PC computer is obviously conventional, computer connected to a database server on the Internet is conventional. But the concept of being connected to the database server for controlling said forms, which are the query access of data billing forms that are stored, that is entirely new. That has never been done, as far as I know, prior to this invention.

So the question now becomes, now that we have looked at these claims as opposed to generic abstractions of it, is this something directed to an abstract idea?

Well, in the first instance, the invention here does involve billing. And, of course, if that is all that was involved, we would agree, that is abstract.

We put billing on a computer. That certainly would be abstract because all you are doing is using the computer as a tool.

Then we get to actually the question Your Honor

just asked a little while ago: An electronic billing system, is that a sufficient structure to avoid abstraction?

And as I indicated, we're now sort of on the edge of what may or may not be abstract.

What if we add the web server and client browser? Well, again, that is sort of like edge area.

But what is interesting is this is where, this here web server and client browser, this is where defendant's arguments stop. They say: Okay. This is all that it is. We don't -- and, therefore, because this is all that it is, you have abstract ideas implemented on conventional computers and so we throw everything out.

What is entirely missing is what we have just talked about, is that you have a client PC and browser and a website that now has a home page. That home page, by definition, goes through a secure line to a very clearly defined database server. That home page is not just the home page on a web server but one that has something structural there, that defines a subscriber area. And that subscriber area is utilized to transfer these billing and data entry forms between the subscriber area and the client PC.

This is all structure -- all structure that defendant has completely ignored in its presentations, both in its briefs and again here today.

Then finally, of course, we have the claim

limitation that the user have access to all of these billing

and data entry forms and be able to access the data server.

So, Your Honor asked also what about some of these cases? What cases are pertinent? And whether there are some newer cases that have been decided since the briefing has been completed. And I will try to go through some of them.

The *Enfish* case, which was heavily briefed in our case, again, you have a data storage and retrieval system.

This is the claim that was involved in that case.

It is something that's pure software, pure logic of fixing or enhancing the operation of a computer memory.

And what did the Court hold? It said that this self-referential table is a specific type of data structure designed to improve the way a computer stores and retrieves data in memory.

Well, that is what we do in the '229 claim. We have a specific database, just like in *Enfish*. The data and billing forms, which is a particular implementation that is used to improve the way computers provide electronic billing.

And, actually, defendant has pointed out that we have actually, in columns 1 and 2 of the patent, a very long discussion of what the prior art was. And then when you get to the brief summary of the invention and in the bottom of column 2 to the top of column 3, yes, there is a whole

discussion of how this technology with these forms, with the subscriber areas, this is what has created and improved upon the existing system.

So, well, let's finish these cases. Then we had the MCRO case. Again, if you took a look at the claim in that case, all the claims are related to rules. It's a method, not a product. It's a method. And it just talks about obtaining, generating, applying rules. And in this case, the Court said, again, this is patentable. And what is important in particular, the Court said: While the result may not be tangible, there is nothing that requires a method "be tied to a machine or transform an article" to be patentable.

And, of course, that I think applies here because even though the HTML or other data and billing form, you know, it's not some piece of paper that you can pick up. It's not tangible in that sense. It does have structure, and it is subject to a number of specific rules.

Then we have the next case, which is Visual

Memory vs. NVIDIA. And, again, you have a computer memory

system where the critical point is: wherein a programmable

operational characteristic of said system determines a type

of data stored by the cache.

So, again, this is what we had been talking about previously. You have a computer memory which is a

standard conventional piece of equipment but it is now transformed because there is a certain structure associated with that memory. Structure that is software structure, not a physical structure. And the Court said, well, again, this is a claim that is directed to an improved computer memory system, not the abstract idea of categorical data storage.

Again, the Court emphasized, having one or more programmable operational characteristics. This is exactly what the '229 patent claims have. They have a program.

This is a computer programmed with certain operational characteristics. And that is a structure, and it is just like the Visual Memory case.

We have provided an improved web server, improved database, improved delivery method, not just the abstract idea of providing electronic billing services.

THE COURT: What does the '229 say about how that improvement is accomplished other than just outsourcing it to the Internet?

MR. PAZUNIAK: Well, you begin with the web server having a home page with the subscriber areas, with the subscriber areas being associated with a database server that has -- is a repository of rules and forms. So now already this is not just the Internet, it is a very defined structure of the subscriber area plus the database server.

The concept of transferring queries and

information via forms involving data and billing forms
between the subscriber area and the user PC, again, this is
totally novel. It is not just a PC operating a browser
looking at a web page.

Normally, what is conventional, I can take this computer, go to the Internet and I can view, I can view anything. Well, that is conventional. But when you start using the web server and the browser to have a prescribed subscriber area, with the limitations that we thought about and communicate via these data and billing forms, that is something completely different. And it's a substantial add-on to everything that has been done. And that is not conventional. It was not conventional in 1999.

THE COURT: You talked about a few cases, and I know you have a few others you might want to get to. If I perhaps unfairly said to you which is the one case most analogous to this case, would you be able to answer that?

MR. PAZUNIAK: I think the case -- I would point to about four cases that I think I have here, which is the Visual Memory. I guess the McRO case, the Visual Memory case, and Finjan is somewhat relevant. And then the Core Wireless Licensing case I think is very important.

In Core Wireless, the Court made it very clear that in this case, we have a user interface and that user interface, again, Your Honor, was asking about a browser and

the web server, and that is all it is.

Well, Core Wireless involves a web server and a browser and a user interface, and the Court found that the claims were not abstract because the user interface was a very specific user interface, and the claim restrains the type of data that can be displayed in the summary window, and the limitations disclose a specific manner of displaying the data.

Well, that is exactly what the forms and the limitations in claim 1 about the forms and the limitations about the display are doing. We are presenting a very restricted, restrained, and specific manner of displaying information. The Core Wireless case is entirely on point.

And at the same time, if you look -- if the Court considers the cases where information was -- I'm sorry -- where the claims were held invalid, they're all very, very easily distinguishable.

The most recent case is the SAP case. And again, the Court held that the claims simply provided a method of selecting information, using its mathematical techniques and reporting its results without any structure or without any restrictions.

The Voter Verified Inc. v Election Systems case, again, it's totally abstract because it was directed to the results of verifying a vote without any structure associated

with it.

The other two cases I have on the slide 23, I can read them, but they're again the Court held that the claims in those cases simply provided a result without providing any structure to how those results were obtained.

And, of course, in this case we have been talking about, there is a lot of structure that is associated with how these results are obtained.

On slide 24, I cite the TLI case because that was the case most heavily relied upon in defendant's briefing. And, again, if the Court considers the claim in that case, it was a method claim and there was simply no structure associated with that claim at all. It all was a matter of taking digital images and recording, storing and transmitting them where any kind of, any kind of system would have fallen within the scope. Because, again, only the results were being claimed, not any structure about how those digital images were conveyed. And we don't need to go into that.

So, in summary, the Court need not get into

Step 2 because defendant cannot meet the requirements of

Alice/Mayo Step 1. As shown in slide 26, we have been

talking about that whole structure that's in the claims.

It's not any web server or website but specific improvement

in the capability of these computing devices based on the

creation of the home page database server, subscriber area, and the use of the billing and data form.

We are not just claiming standard communication between the website and the browser but the transfer of billing and data entry forms.

This is novel. It's not conventional and it is structural.

I should point out that even if we have to get to Step 2, which I don't think we do, it's clear that these same elements that we are looking at here on slide 26 also inform Step 2 of the Alice/Mayo test. If Step 2 is required, we still have the inventive steps because there is no showing that a subscriber area was conventional or routine. That the transmission of forms was routine, particularly in 1999.

Again, defendant had the burden of proving by clear and convincing evidence the elements of Step 2, and there is nothing.

THE COURT: You have only a few minutes left. Let me ask you a few more questions.

First, do I need to make a decision, should I make a decision for all claims or just for claim 1?

MR. CONRAD: Okay. Claims 2 through 5 are dependent on claim 1, and they do add certain elements.

Defendant then separately argue claims 2 through 5. So it's

1 I don't think we ever -- I understood from their motion that 2 their motion was actually directed to claim 1. 3 THE COURT: Are you reserving the right to assert claims 2 through 5 in this case? 4 MR. PAZUNIAK: There is actually claims 2 5 through 7. Six and 7 are independent claims with some 6 7 additional material. 8 Yes, we do reserve. I think we need to get a 9 little more information about defendant's actual technology 10 when we have the exchange of information. 11 THE COURT: But to the extent you are reserving 12 the right to assert all the remaining claims in the patent, 13 don't I need to make a decision as to their patentability at 14 this point? 15 MR. PAZUNIAK: Your Honor would have to make a 16 decision as to those claims, although again from plaintiff's 17 perspective, if claim 1 is valid, then by definition, claims 2 through 5 are valid. 18 19 Claims 6 and 7 have additional structures beyond 20 what is in claim 1. So they're even further removed. 21 That's why I understood that defendant was focusing solely, and only, on claim 1. 22 23 THE COURT: You referenced an algorithm. 24 algorithm that you contend is disclosed here, do I find it 25 in Figures 1 and 3 or do I find it somewhere else?

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MR. PAZUNIAK: Figures -- the Florida court gave the structures, and that was in the slides. It was in D.I. 16-3 gave the entirety of the structures. But, yes, included in the Court's construction was the requirement that it be read in light of Figures 1 and 3. THE COURT: So it's the claims as construed by the Florida Court, including those structures plus Figures 1 and 3. MR. PAZUNIAK: THE COURT: MAYO does say that 101 analysis, you strip away generic or conventional components. You agree I have to do that; is that right? MR. PAZUNIAK: I thought that was more of a requirement for Step 2 as opposed to Step 1. If I am correct on that, I apologize. But I believe that was a Step 2 issue. THE COURT: Whatever step it is at, I have to follow that, right? MR. PAZUNIAK: Yes, yes. In Step 2, definitely the conventional elements were stripped away. And we look at the inventive steps. But, again, we don't know what is conventional because there is no record of that. THE COURT: All right. Thank you, Your Honor. MR. PAZUNIAK:

Thank you very much.

THE COURT:

1 complaint is simply that there is, as a whole, the Internet 2 based billing system is new, novel. 3 Again, novelty is not the test. It is simply an 4 abstract idea; and there is nothing inventive about the way in which this abstract idea is being performed. 5 THE COURT: Do you disagree I have to look at 6 7 all limitations of the claims to assess your motion, don't I? 8 MR. CONRAD: You do have to look at all the limitations in the claim in order to address whether any 9 10 individual element there is a new way of doing, a new 11 specific way of doing things. And then you look at all of 12 them together to see if the idea of the way -- in case all 13 of those are conventional, you look at all of them together 14 to see if that whole idea is a specific tangible way of doing this abstract idea. 15 16 THE COURT: That's the ordered combination. MR. CONRAD: That is the ordered combination. 17 18 What they have highlighted for you here, 19 however, in the first box is a client PC plus browser. 20 I don't believe plaintiff is alleging that is 21 unconventional. The website is the next part. 22 23 In 1999, again, I believe I heard him say that that could be conventional. 24

But he said there was a homepage.

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I don't think that there is a plausible way that anyone could say that in 1999 there were not home pages on websites.

Then there is something about this box called a subscriber area which the patent doesn't really explain. At best, what we get is this construction which is structure programmed to be a system component unique to that subscriber.

Well, that doesn't sound like much structure to me, but that's the construction.

As far as it concerns the analysis for Section 101, that is just generic. There is nothing that is interesting about a system component unique to that subscriber.

If you want to think about this whole process as billing generally when you've got a business organization with doctors, on one hand, who are representing the client PCs, and the accounting department which would represent the server. Well, you could say that the subscriber area is really nothing more than going up to the fifth floor and meeting Janice in Accounting in a private conference room. There seems to be nothing different than that analogy in the traditional nontechnical sense.

And this billing and data entry forms. Well, that's how traditional business processes worked before computers. You used data forms to pass them back and forth.

When you move into the Internet, well, the

technological implementation of the Internet is to move forms back and forth over the Internet as well.

So there is really nothing here on an individual level. At best, it's just a generic component. At worst, it's admittedly conventional in the patent. And as a whole, it is simply putting billing systems on the Internet.

that any of these particular limitations is novel, as I have mentioned they're generic. The Internet Patents v

Active Network case is an example where the Federal Circuit said, fine, if you want to say that your invention is this one limitation -- in that case, it was a browser system that the supposed novel piece was maintaining state in the browser. Well, all they did in that case was claim maintaining state. They claimed the actual function itself. So here, at best, all they are doing is claiming the function which really doesn't differ from the traditional business process flow of billing.

That's all I've got, Your Honor. I would request that the Court grant our motion. If there are any other questions?

THE COURT: I do have some questions for you.

So it's now clear to me that the plaintiff is asking on this motion that I apply the Florida court's claim constructions. Do you oppose me doing that?

MR. CONRAD: For the purposes of this motion,

no. Because it sounds to me that that is their allegation

of what the proposed claim constructions should be and,

therefore, for the purposes of 12(b)(6), you can accept that

as true and adopt those. They don't change the analysis

because at best, as you can see here, they are simply

generic components like a component in one example, a

network device in another example. And they're just simply

performing traditional functions that any accounting and

billing system would do with or without computers.

THE COURT: So I also think it is now clear

after my discussion with Mr. Pazuniak exactly which limitations he is contending there is at least a factual dispute as to whether they are controversial and nonroutine in 1999. That was not clear to me before I came in. I don't know what was clear to you.

He also is arguing that the ordered combination is not conventional and not routine or at a minimum there is a fact dispute. Do you wish to submit any additional briefing or do you think I have what you would want me to have in order to apply these claim terms and then assess whether or not there is even fact dispute on each of these limitations that he has now highlighted?

MR. CONRAD: To begin, Your Honor, that also wasn't clear to me before walking in here today because it

wasn't specifically alleged in their briefing and it wasn't in the complaint. So this would be new arguments that we're hearing today.

If there is something that Your Honor does believe at the end of the day, there is a legitimate plausible factual dispute, then we would request the opportunity to do additional briefing, perhaps converting this to a summary judgment motion with an opportunity to submit evidence.

If you look at the terms than are mentioned that plaintiff's counsel mentioned, they are at best generic and at worst entirely functional. And I don't think that even saying that those functions being unconventional would save the day. Because what we're looking for here is specific, tangible, concrete implementations that would survive the Alice test. And even if you say that this function was unconventional, well, an unconventional function is not going to be a tangible invention.

THE COURT: In terms of which claims I need to assess, I think you and I talked about claims 1 through 5.

I don't recall who talked about independent claims 6 and 7.

Was your motion directed to them? Do I need to make a finding on those two claims?

MR. CONRAD: It wasn't clear to me exactly what plaintiff is saying they're reserving the right to assert.

It was at least 1 through 5. If you would like to ask

helpful.

plaintiff for clarification on that, I think that would be

THE COURT: My understanding is they're at least not today going to say that they will not assert claims 6 and 7 against you.

MR. CONRAD: Then that sounds to me like there is a live dispute, a controversy about the asserted claims 1 through 7, which are all the asserted claims. Because we requested that all the claims be invalidated under *Alice* in our motion, and we ask the Court to rule on that notion.

THE COURT: Have you been adequately heard on briefing on claims 6 and 7 or did you want to say something more?

MR. CONRAD: Those, we have been heard in briefing on those claims. They're directed to the same abstract idea, Your Honor.

THE COURT: And what about the application of the concept of the burden of proof? You heard Mr. Pazuniak say several times I need to find clear and convincing evidence here. Is that the correct analysis?

MR. CONRAD: No, because on the face of the patent, the patent is ineligible. So what we have done is meet any burden of proof that may be out there. So the burden of proof would shift to the plaintiff to produce something. I don't know what the standard of proof would be

16 and 17 of D.I. 15 where plaintiff specifically said

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Thank you.

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defendant has been using the words "conventional," "known," "understood," et cetera, at least 40 times in its brief. And we pointed out it was all unsupported and disputed.

Also, as to claim 1, or which claims were in issue, in our brief, again, D.I. 15 at page 17 -- I'm sorry -- I'm looking at the reply brief, Document 17, on page 3, defendant's argument title is very clear. Claim 1 is patent ineligible under Section 101. That was the only issue that was briefed. That was the only one that was moved on, which is why the other claims were not in issue and had not been briefed. And obviously if the Court wants to consider them beyond, you know, I think that would have to be subject to additional briefing.

THE COURT: Well, yes. Don't go away. think I need to address anything beyond claim 1, plaintiff is asking for the right to be heard in briefing on that?

MR. PAZUNIAK: Yes. Absolutely, Your Honor.

THE COURT: I appreciate your reference to pages 16 and 17 of your brief, but tell me if I missed it. I didn't see anywhere that you disclosed which claim limitations you were specifically arguing on which there was a fact dispute about them being something other than conventional and routine.

Today, I understood, I think we went through very carefully which ones you are saying we need to treat as having a fact dispute on, as well as the ordered combination.

short recess, and I will come back.

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1 (Brief recess taken.)

(Proceedings reconvened after recess.)

THE COURT: Have a seat.

All right. So what I'm going to do is tell you my inclination for how we proceed from here, and then ultimately the way this ends today is I'm going to give you all a few days to think about what I have to say and to talk with one another and give me your proposal next week as to how you think I should proceed in light of what I'm going to say.

My inclination is essentially to tell you to start this case all over. Basically, I hear the argument for why I should treat the briefing as closed. That plaintiffs, in particular, have the opportunity to say brief their views on claims 2 through 7.

It is somewhat surprisingly to me the defendants don't want the opportunity to brief even though we all learned a lot more about what the plaintiffs are actually arguing today than we learned in the briefing. But ultimately I'm the one that has to make a decision, and I'm just not confident at the moment that in light of all the new things I heard today, most especially from plaintiff, that I can, in an efficient way, in a way that is fair to the Court, write an opinion and make the decision I have to make without getting further

assistance from the parties.

So I'm not deciding that today. I'm going to give you all a chance to tell me why it continues to be your view I shouldn't go down the path that I'm about to lay out as my inclination, but I want to share my inclination.

So my inclination is to deny without prejudice the motion to dismiss, give the plaintiff leave to amend to file a new complaint in light of the fact that there has been a lot of intervening decisions from the Federal Circuit since the time this complaint was filed. There are arguably some relevant statements and some opinions from the Federal Circuit about things plaintiffs might want to do, looking forward to a 101 motion in how they plead, and perhaps the plaintiff should be given the opportunity to take advantage of that new case law and replead.

But whether they got leave to amend or not, my inclination is to tell the defendant to renew their motion if they wish, in light of the clarity that we now have, what the plaintiff's position is to as to, for instance, what claims they reserve the rights to assert, what claim constructions should be applied, which claim limitations are nonconventional, nonroutine or for which there are at least a fact dispute on that question, and in light of the cases that have been decided since the briefing.

So in an ideal world I would have the parties

informed views on all of those points in writing where I
could carefully consider them before I have to write an
opinion. And so that is my inclination.

That said, if we do start over or have new briefing, I want to move quickly. Among other things, I have a law clerk here who is only here for three more months. He is familiar with the technology. It would be awfully nice to get this resolved by some time let's say mid-October. So I'm not doing anything right now except telling you kind of where my head is and then asking you to tell me how long do you want to think about this and get back to me your proposals after talking to one another.

So, Mr. Conrad, any thoughts?

MR. CONRAD: No, Your Honor.

THE COURT: Okay. Mr. Pazuniak, any thoughts?

MR. PAZUNIAK: I believe, Your Honor, our inclination, -- I have to talk to co-counsel and the client obviously, but our inclination would be that Your Honor's approach of dismissing without prejudice and allowing the re-filing is fine with us. There is a lot of new law and it should be considered.

We have no problem in a very short briefing schedule, if that should -- you know, if that is the direction Your Honor goes.

THE COURT: Recognizing you need to confer with

1 others on your side and confer with the other side, when 2 would you like me to tell you to report back to me? 3 MR. PAZUNIAK: Clients are always difficult, but 4 I believe we should be able to get ahold of the client between today and tomorrow, and so on Monday we should be 5 able to respond from our standpoint. 6 7 Obviously, I would like the chance to talk to 8 Mr. Conrad or whoever. 9 THE COURT: A week from today, you could get 10 this all done? 11 MR. PAZUNIAK: Oh, yes. Yes. Definitely. 12 THE COURT: Mr. Conrad, what do you think? 13 MR. CONRAD: Most likely, I believe my client 14 might have a travel schedule this week, but a week would be fine. 15 16 THE COURT: Let's make it a week from tomorrow, 17 a joint status report in which what I'm looking for is 18 ideally a joint position, but if not, give me a little bit 19 of argument about why each of you has a different position 20 as to how I should now proceed in light of what I have said. 21 If it turns out that next Friday is very 22 difficult and you need a couple extra days, let me know that 23 before next Friday, and we'll give you some extra time. 24 Are there any questions?

MR. CONRAD: None from the defendant.

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1	THE COURT: Any questions?
2	MR. PAZUNIAK: No, Your Honor. Thank you.
3	THE COURT: Thank you all very much.
4	(Oral argument hearing ends at 12:05 p.m.)
5	
6	I hereby certify the foregoing is a true and accurate
7	transcript from my stenographic notes in the proceeding.
8	/s/ Brian P. Gaffigan
9	Official Court Reporter U.S. District Court
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